

## ABSTRACT

A method for data transmission over an optical network, the method including collecting a plurality of services data to be transmitted in at least one service collection unit, processing the services in their original protocols into packets, and  
5 converting the services into optical signals on an optical fiber for transmission into a metro network; and sorting the services from a plurality of packets according to service type in an aggregator, coupled for optical communication to the service collection units, and combining like services for transmission over a compatible  
10 transport network.

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